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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/931,593	
	Filing Date	August 16, 2001	
	First Named Inventor	James T. Hanson	
	Group Art Unit	2622	
	Examiner Name	Not Yet Assigned	
Total Number of Pages in This Submission	483	Attorney Docket Number	RTN-144PUS

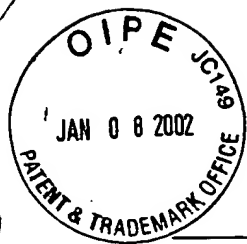
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<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Return-receipt postcard;
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<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	Letter 37 CFR Section 1.56
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	In the event a petition for extension of time is required by this paper and not otherwise provided, such petition is hereby made and authorization is provided herewith to charge deposit account No. 50-0845 for the cost of such extension.	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Barry Gaiman Reg. No. 42,562 Daly, Crowley & Mofford, LLP
Signature	<i>Barry Gaiman</i>
Date	12/17/01

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James T. Hanson, et al.
Application No.: 09/931,593
Filed: August 16, 2001
Entitled: VIDEO AMPLIFIER FOR A RADAR
RECEIVER
Docket No.: RTN-144PUS

Group Art Unit: 2622

Examiner: Not Yet Assigned

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By: Barry Gaiman
Barry Gaiman
Reg. No. 42,562
Attorney for Applicant

LETTER UNDER 37 C.F.R. §1.56

Assistant Commissioner for Patents
Washington, DC 20231

Dear Sir:

Applicant would like to bring to the attention of the Examiner in the above-identified application the existence of the following co-pending U. S. patent applications: (see attached listing).


Application No.: 09/931,593
Filed On: August 16, 2001
Group Art Unit: 2622
Atty. Docket No.: RTN-144PUS

If the Examiner has any questions concerning this application or this letter, he or she is respectfully invited to telephone the undersigned attorney.

Respectfully submitted,

DALY, CROWLEY & MOFFORD, LLP

Date: 12/17/01



Barry Gaiman
Reg. No. 42,562
Attorney for Applicant

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Application No.: 09/931,593
Filed On: August 16, 2001
Group Art Unit: 2622
Atty. Docket No.: RTN-144PUS

Atty. Docket No.	Application Nos.	Filed
RTN-108AUS	09/931,631	2001-08-16, ISSUED
RTN-142PUS	09/931,633, 6492949	2001-08-16, ISSUED
RTN-143PUS	09/930,869, 6577269	2001-08-16, ISSUED
RTN-113AUS	09/949,295, 6675094	2001-09-07, ISSUED
RTN-124PUS	09/931,632, 6443512	2001-08-16, ISSUED
RTN-145PUS	09/931,636	2001-08-16, ISSUED
RTN-146PUS	09/930,868, 6489927	2001-08-16, ISSUED
RTN-147PUS	09/932,574, 6642908	2001-08-16, ISSUED
RTN-148PUS	09/930,867, 6683557	2001-08-16, ISSUED
RTN-150PUS	09/931,277, 6501415	2001-08-16, ISSUED
RTN-121PUS	09/930,874, 6657581	2001-08-16, ISSUED
RTN-122PUS	09/931,276	2001-08-16, PENDING
RTN-123PUS	09/931,630	2001-08-16, ISSUED

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ALL OF THE ABOVE PRINTED
AS PATENTS WERE CHECKED.
OTHERS WERE CHECKED AS
TO TITLE, AND NOT JUDGED
PERTINENT.

GREGORY 2/19/04



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James T. Hanson, et al.
Serial No.: 09/931,593
Filed: August 16, 2001
Entitled: VIDEO AMPLIFIER FOR A RADAR RECEIVER
Docket: RTN-144PUS

Group Art Unit: 2622
Examiner: Not Assigned
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and Mail Deposit

By: Barry Gaiman
Barry Gaiman
Reg. No. 42,562
Attorney for Applicant(s)

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, DC 20231

Dear Sir:

It is desired to cite for the record in this application the enclosed documents listed on the attached copy of PTO Form #1449. The paragraph(s) marked below are applicable to this Information Disclosure Statement.

[X] (1) The enclosed Information Disclosure Statement is being filed: within three months of the filing date; or within three months of the entry of the national stage of the above-identified application; or before the mailing of a first Office Action on the merits; or before the mailing of a first Office Action after the filing

of a request for continued examination under 37 C.F.R. §1.114. Accordingly, Applicant(s) believes that no fee or statement is required.

☐ (1a) Applicant(s) believe the enclosed Information Disclosure Statement is entitled to the benefit of 37 C.F.R. § 1.97 (b) (3). Accordingly, Applicant(s) believe that no fee or statement is required.

☐ (1b) Pursuant to 37 C.F.R. § 1.97(c), the enclosed Information Disclosure Statement is being filed before the mailing date of a final action or a notice of allowance and is accompanied by:

☐ a statement under 37 C.F.R. § 1.97(e); ☐ the fee set forth in § 1.17(p).

PETITION UNDER 37 C.F.R. § 1.97(d)

☐ (2) Pursuant to 37 C.F.R. § 1.97(d), Applicant(s) hereby petition the Assistant Commissioner to consider the attached Information Disclosure Statement. Applicant(s) state that the issue fee has not been paid and that a statement under 37 C.F.R. § 1.97(e) is provided herein, along with the petition fee of \$180.00 required under 37 C.F.R. § 1.17(i).

STATEMENT UNDER 37 C.F.R. § 1.97(e) (1)

☐ (3) The undersigned hereby states that each item of information contained in the attached Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application mailed not more than three months prior to the filing of the accompanying Information Disclosure Statement.

STATEMENT UNDER 37 C.F.R. § 1.97 (e) (2)

☐ (4) The undersigned hereby states that no item of information contained in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the accompanying Information Disclosure Statement was known to any individual

having a duty of disclosure as set forth in 37 C.F.R. § 1.56 (c) more than three months prior to the filing of the accompanying Information Disclosure Statement.

The filing of this Information Disclosure Statement is not a representation by the undersigned as to personal knowledge of the contents of every word or phrase of the material enclosed or that reliance on other suitably trained professionals has not been made.

If a search report of a searching agency is enclosed identifying the nature of the relevance of each document, such a designation is deemed to satisfy Rule 98(a) (3) even if in a foreign language, since the few terms of relevance therein are deemed of universal cognizance. However, Applicant(s) does not necessarily adopt the position reflected by that report.

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 500845.

Respectfully submitted,

DALY, CROWLEY & MOFFORD, LLP

By: Barry Gaiman
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Attorney for Applicant(s)

Dated: 12/17/01
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Form PTO-1449
(Rev. 8-83)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
RTN-144PUSAPPLICATION NO.
09/931,593

APPLICANT

James T. Hanson, et al.

FILING DATE

August 16, 2001

GROUP

2622

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE*
	5 0 0 8 6 7 8	4/16/91	Herman			
	5 3 2 5 0 9 6	6/28/94	Pakett			
	5 5 1 7 1 9 6	5/14/96	Pakett et al.			
	5 6 7 5 3 4 5	10/7/97	Pozgay et al.			
	5 9 2 9 8 0 2	7/27/99	Russell et al.			
	5 9 5 9 5 7 0	9/28/99	Russell			
	6 0 2 6 3 4 7	2/15/00	Schuster			
	6 1 0 4 3 3 6	9/15/00	Curran et al.			
	6 1 0 7 9 5 6	8/22/00	Russell et al.			
	6 0 1 1 5 0 7	1/4/00	Curran et al.			
	6 1 1 4 9 8 5	9/5/00	Russell et al.			
	5 9 9 9 1 1 9	12/7/99	Carnes et al.			

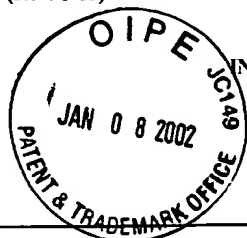
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FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	Barnett, Roy I. et al. "A Feasibility Study of Stripline-Fed Slots Arranged as a Planar Array with Circular Grid and Circular Boundary", IEEE, 1989, pp. 1510-1515.
	Bhattacharyya, Arum, et al. "Analysis of Stripline-Fed Slot-Coupled Patch Antennas with Vias for Parallel-Plate Mode Suppression", IEEE Transactions on Antennas and Propagation, Vol. 46, No. 4, April 1998, pp.538-545.
	Clouston E.N. et al. "A Triplate Stripline Slot Antenna Developed for Time-Domain Measurements on Phased Arrays", 1998, pp. 312-315.
	Das, Nirod K. et al. "Multiport Scattering Analysis of General Multilayered Printed Antennas Fed by Multiple Feed Ports: Part II-Applications", IEEE, 1992, pp.482-491.

Form PTO-1449
(Rev. 8-83)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
RTN-144PUSAPPLICATION NO.
09/931,593

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT
James T. Hanson, et al.FILING DATE
August 16, 2001GROUP
2622

U.S. PATENT DOCUMENTS


EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE*
		5	2	4	9	1	5	7	9/28/93	Taylor			
		5	3	9	6	2	5	2	3/7/95	Kelly			
		5	6	1	3	0	3	9	3/18/97	Wang et al.			
		5	6	1	9	2	0	8	4/8/97	Tamatsu et al.			
		5	6	2	5	3	6	2	4/29/97	Richardson			
		5	6	3	3	6	4	2	5/27/97	Hoss et al.			
		R	E	3	4	7	7	3	11/1/94	Dombrowski			
		5	3	9	4	2	9	2	2/28/95	Hayashida			
		6	1	3	0	6	0	7	10/10/00	McClanahan et al.			

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FOREIGN PATENT DOCUMENTS

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Form PTO-1449 (Rev. 8-83)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. RTN-144PUS		APPLICATION NO. 09/931,593	
 INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT James T. Hanson, et al.			
				FILING DATE August 16, 2001		GROUP 2622	
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)							
		Katehi, Pisti B. et al. "Design of a Low Sidelobe Level Stripline Fed Slot Array Covered by a Dielectric Layer", IEEE, 1989, pp. 978-981.					
		Kimura, Yuichi et al. "Alternating Phase Single-Layer Slotted Waveguide Arrays at 25GHz Band", IEEE, 1999, pp. 145.					
		Muir, A., "Analysis of Stripline/Slot Transition", Electronics Letter, Vol. 26 No. 15, pp.1160-1161.					
		Sakaibara, Kunio et al. "A Single Slotted Waveguide Array for 22GHz Band Radio System Between Mobile Base Station", IEEE, 1994, pp. 356-359.					
		Sangster, Alan et al. "A Moment Method Analysis of a Transverse Slot Fed by a Boxed Stripline", (No Date) pp. 146-149.					
		Schaubert, Daniel H. et al. "Moment Method Analysis of Infinite Stripline-Fed Tapered Slot Antenna Arrays with a Ground Plane", IEEE Transactions on Antennas and Propagation, Vol. 42, No. 8, August 1994, pp.1161					
		Smith, Peter "Transverse Slot Radiator in the Ground-Plane of Enclosed Stripline", 10 th International Conference on Antennas and Propagation 14.17, April 1997, 5 pages.					
		Theron, Isak Petrus et al. "On Slotted Waveguide Antenna Design at Ka-Band", IEEE Trans. Vol. 32, October 1984, pp. 1425-426.					
Examiner		Date Considered:					
		*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant.					

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